

FIG.1

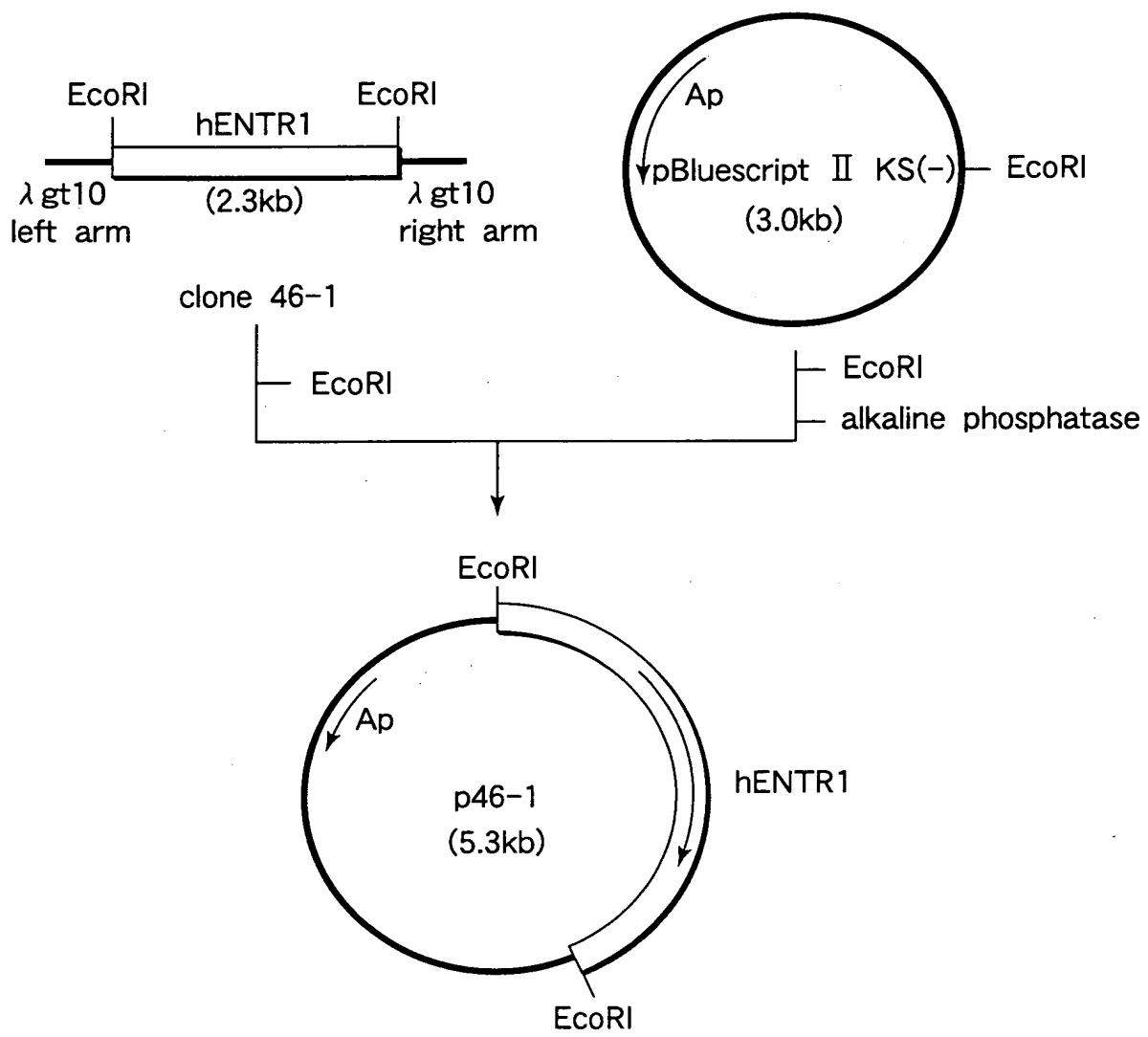


FIG.2

hENT1	1:-----	MTTSHQPQDRYKAVWLIFM	21
hENT2	1:-----	MARGDAPRDSYHLVGISFFIL	21
hENTR1	1:MAVVSEDDPQHSSNSTYGTSSSLRADQEALLEKLIDRPPPGLQRPEDRFCGTY11FFSL	60	
		* * * * *	
hENT1	22:GLGTLLPWNNFFMTATQYFTNRLDMSQNVS娄TAELSKDAQASAAPAAPLPERNSLSAI-F	80	
hENT2	22:GLGTLLPWNNFFITAIPYFQARLA-----	GAGNSTARILSTNHGPEDAFNF	67
hENTR1	61:GIGSLLPWNNFFITAKEYWMFKL-----	RNSSSPATGEDPEGSDILNYF	103
	* * ***** * * * * *	*	
hENT1	81:NNVMTLCAMPLLLLFTYLNSFLHQRIQPQSVRLGSLVAILLVFLITAILVKVQL-DALP	138	
hENT2	68:NNWVTLSQLPLLFTLNSFLYQCVPETVRILGSLAILLLFALTAALVKVDM-SPGP	125	
hENTR1	104:ESYLAVALSTVPSMLCLVANFLVNVRVAHIRVLASLTIVLAIFMVITALVKVDTFSWTRG	163	
	* * * * * * * * * * ***		
hENT1	139:FFVITMIKIVLINSFGAILQGSLFGLAGLLPASYTAPIMSGQGLAGFFASVAMICAIASG	198	
hENT2	126:FFSITMASVCFINSFSAVLQGSLFGLGQGTPYSTLFLSGQGLAGIFAALAMLSMASG	185	
hENTR1	164:FFAVTIVCMVILSGASTVFSSSIYGMTGSFPMRNSQALISGGAMGGTVSAVASLVDLAAS	223	
	*** * * * * * * * * * * *		
hENT1	199:SELSESAFGYFITACAVIILTIICYLGLPRLEFYRYYQQLK-LEGPGEQETKLDLISKG	256	
hENT2	186:VDAETSALGYFITPCVGILMSIVCYSLPHLKARYYLANKSSQAQAELETKAELLQSD	245	
hENTR1	224:SDVRNSALAFFLATIFLVLCMGLYLLLSRLEYARYYMR-----PVLAAHVFSGE	273	
	*** * * * * ***		
hENT1	257:EEPRAGK-----EESGVSVSNQPTNESHSIKAILKNISVLAFCVCFIFTITI	304	
hENT2	246:ENGIPSSPKVALTLDDLKEPESEPDEPKPGKPSVFTVFKIWLTLACLVLFVTVL	305	
hENTR1	274:EELPQDSL-----SAPSVASRFIDSHTPPLRPILKKTASLGFCVTVYFFFITS	320	
	* * * * * * * * * * *		
hENT1	305:GMFPAVTVEVKSSLAGSSTW-ERYFIPVSCFLTFNIFDWLGRSLTAVFMWPGKDSRWLP	362	
hENT2	306:SVFPAITAMTSS-TSPGKW-SQFFNPICCFLLFNIMDWLGRSLTSYFLWPDEDSRLLP	362	
hENTR1	321:LIYPAVCTNIESLNKGSGSLWTTFIPLTFLLYNFAADLCGRQLTAWIQVPGPNSKALP	380	
	** * * * * * * * * * ***		
hENT1	363:SLVLARLVFVPLLLCNIKPERRYL-TVVFEDAWFIFFMAAFAFSNGYLASLCMCFGPKK	421	
hENT2	363:LLVCLRFLFVPLFMLCHVPQRSRL-PILFPQDAYFIFTMLLFAVNSNGYLVSLTMCLAPRQ	421	
hENTR1	381:GFVLLRTCLIPLFVLCNYQPRVHLKTFFQSDVYPALLSSLGLSNGYLSTLALLYGPKI	440	
	* * * * * * * * * * **** * * *		
hENT1	422:VKPAEAETAGAIMAFFLCLGLALGAVFSLFRAIV	456	
hENT2	422:VLPHEREVAGALMTFFLALGLSCGASLSLFLFKALL	456	
hENTR1	441:VPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI	475	
	* * * * * * * * * * *		

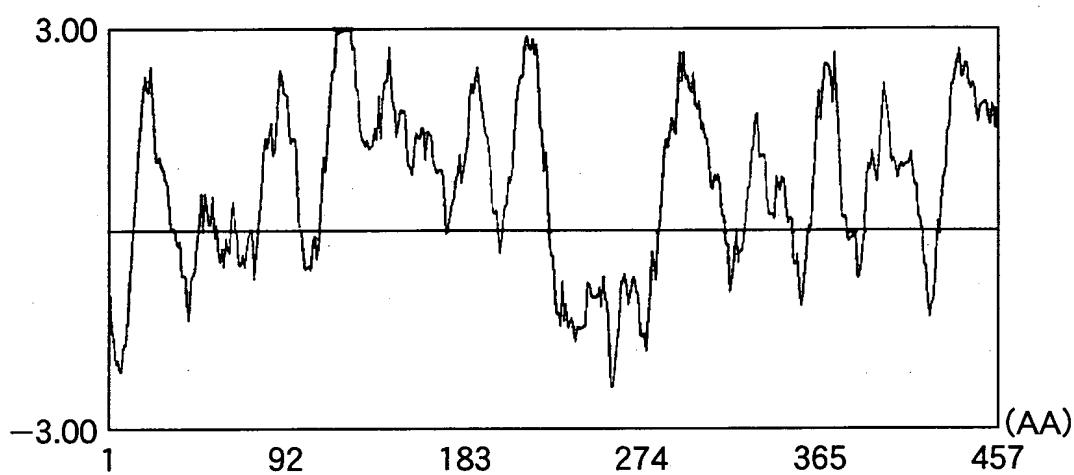
FIG.3

hENT1	-----	-----	-----	M TTSHQHQDRY
hENT2	-----	-----	-----	M ARGDAPRDSY
hENTR1	MAVVSEDDFQ	HSSNSTYGT	SSSLRADQEA	LLEKLLDRPP PGLQRPEDRF
				* *
hENT1	KAVWLIFFFML	GLGTLLPWNF	FMTATQYFTN	RLDMSQNVS L VTAELSKDAQ
hENT2	HLVGISFFIL	GLGTLLPWNF	FITAIPYFQA	RLAGAGN... STARI
hENTR1	<u>CGTYIIFFSL</u>	<u>GIGSLLPWNF</u>	<u>FITAKEYWMF</u>	KL..... RN
	***	*****	***	*
hENT1	ASAAPAAPLP	ERNSLSAIFN	NVMTLCAMLP	LLLFTYLNSF LHQRIPQSVR
hENT2	LSTNHGTGPD	AFN....FN	NWVTLLSQLP	LLLFTTLLNSF LYQCVPETVR
hENTR1	<u>SSSPATGEDP</u>	<u>EGSDILNYFE</u>	<u>SYLAVASTVP</u>	<u>SMLCLVANFL</u> LVNRVAVHIR
	*	*	*	*
hENT1	ILGSILVAILL	VFLITAILVK	VQLDALP..F	FVITMIKIVL INSFGAILQG
hENT2	ILGSILLAILL	LFALTAALVK	VDMSPGP..F	FSITMASVCF INSFSAVLQG
hENTR1	<u>VLASLTVILA</u>	<u>IFMVITALVK</u>	<u>VDTFSWTRGF</u>	<u>FAVTIVCMVI</u> LSGASTVFSS
	***	***	***	*
hENT1	SLFGFLAGLLP	ASYTAPIMSG	QGLAGFFASV	AMICAIASGS ELSESAFCGYF
hENT2	SLFGQLGTM	STYSTLFLSG	QGLAGIFAAL	AMLLSMASGV DAETSALGYF
hENTR1	<u>SIYGMTGSFP</u>	<u>MRNSQALISG</u>	<u>GAMGGTVSAV</u>	<u>ASLVDLAASS DVRNSALAFF</u>
	***	***	***	*
hENT1	ITACAVIILT	IICYLGLPRL	EFYRYYQQLK	LEGPGEQ..E TKLDLISKGE
hENT2	ITPCVGILMS	IVCYLSPHL	KFARYYLAN	SSQAQAQELE TKAELLQSDE
hENTR1	<u>LTATIFLVLC</u>	<u>MGLYLLLSRL</u>	<u>EYARYYMR..</u>P VLAHHVFSGE
	***	***	***	*
hENT1	E..PRAGK..	EE SGVSVSNSQP	TNESHSIKAI	LKNISVLAES
hENT2	NGIPSSPKV	ALTLDDLEK	EPESEPDEPQ	KPGKPSVFTV FQKIWLTAJC
hENTR1	EELPQDSL	PSVASRFIDS H.....	TPPLRP	LKKTASLGFC

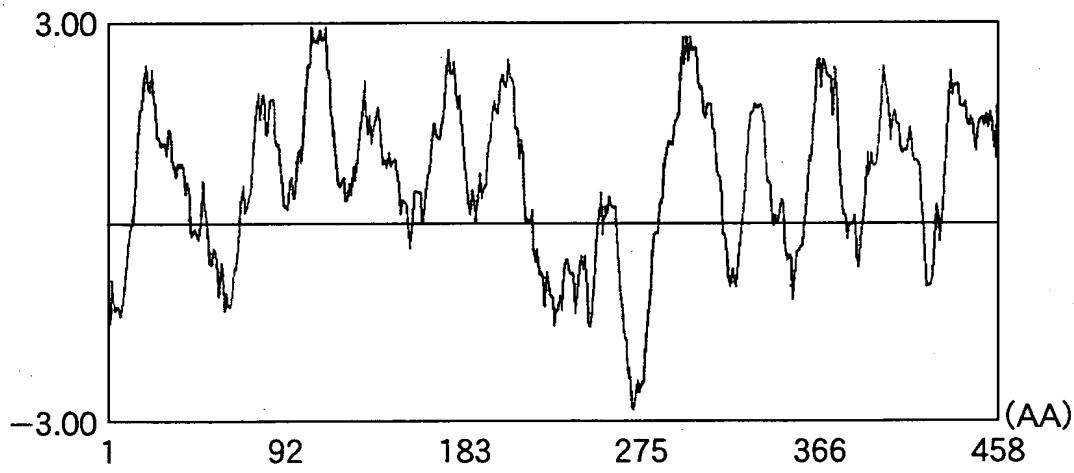
hENT1	VCFIFTITIG	MFPAVTVEVK	SSIAGSST.W	.ERYFIPVSC FLTFNIFDWL
hENT2	LVLVFTVTL	VFPAITAMVT	SS.TSPGK.W	.SQFFNPICC FLLFNIMDWL
hENTR1	<u>VTYVFFITS</u>	<u>IYPAVCTNIE</u>	<u>SLNKSGSGLW</u>	<u>TTKFFIPLTT FLLYNFADLC</u>
	***	***	***	*
hENT1	GRSLTAVFMW	PGKDSRWLPS	LVLARLVFP	LLLLCNKPR RYL.TVVFEH
hENT2	GRSLTSYFLW	PDEDSRLLPL	LVCLRFLFP	LFMLCHVPQR SRL.PILFPQ
hENTR1	<u>GRQLTAWIQV</u>	<u>PGPNSKALPG</u>	<u>FVLLRTCLIP</u>	<u>LFVLCNYQPR VHLKTVVFQS</u>
	***	***	***	*
hENT1	DAWFIFFMAA	FAFSNGYLAS	LCMCFGPKV	KPAEAETAGA IMAFFLCLGL
hENT2	DAYFITFML	FAVSNGYLVS	LTMCLAPRQV	LPHEREVAGA LMTFFLALGL
hENTR1	<u>DVYPALLSSL</u>	<u>LGLSNGYLST</u>	<u>LALLYGPKIV</u>	<u>PRELAEATGV VMSFYVCLGL</u>
	***	*****	***	*
hENT1	ALGAVFSFLF	RAIV		
hENT2	SCGASLSFLF	KALL		
hENTR1	<u>TLGSACSTLL</u>	<u>VHLI</u>		
	*	*		

FIG.4

hENT1



hENT2



hENTR1

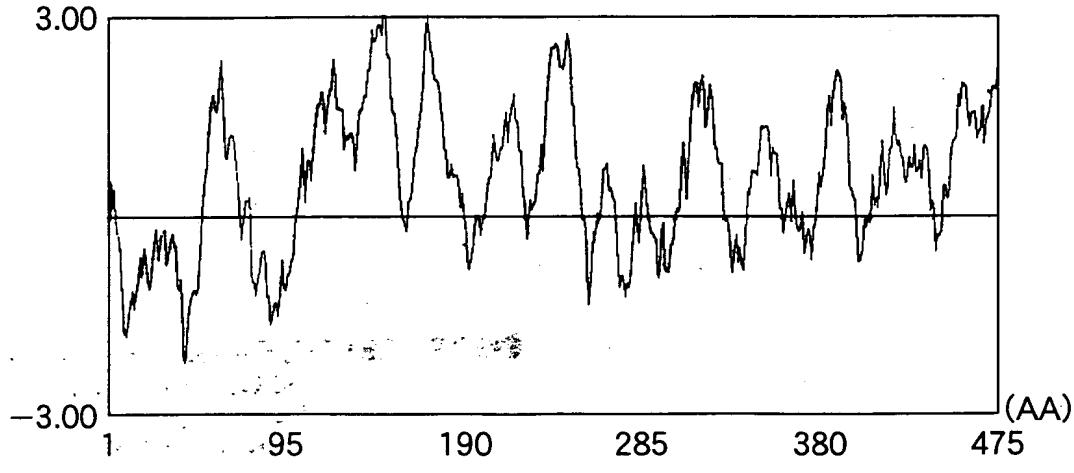
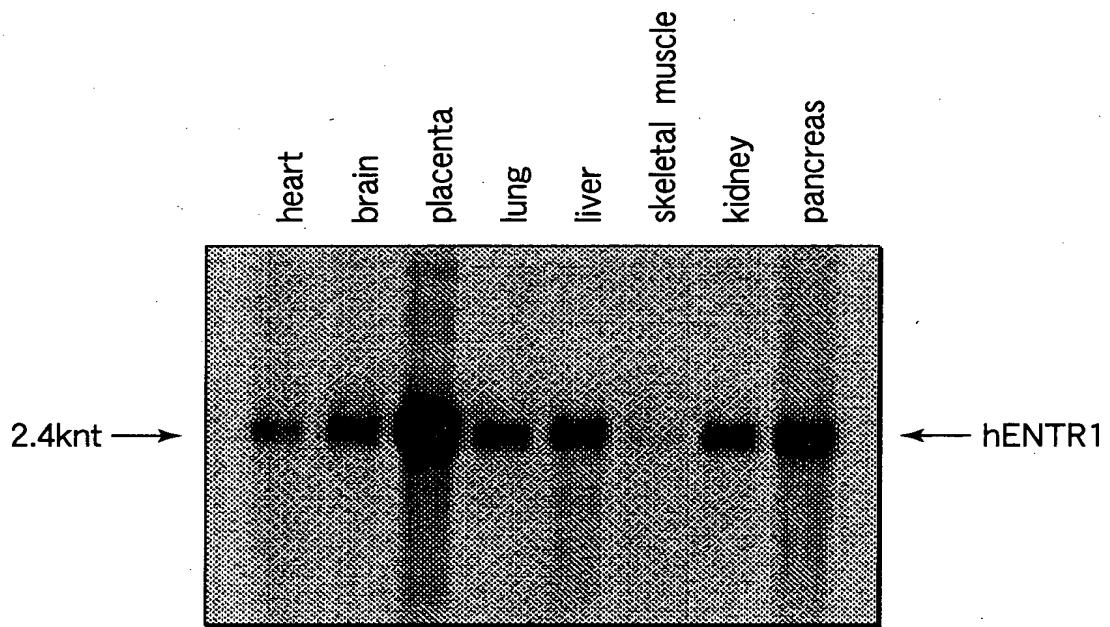


FIG.5



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FIG.6

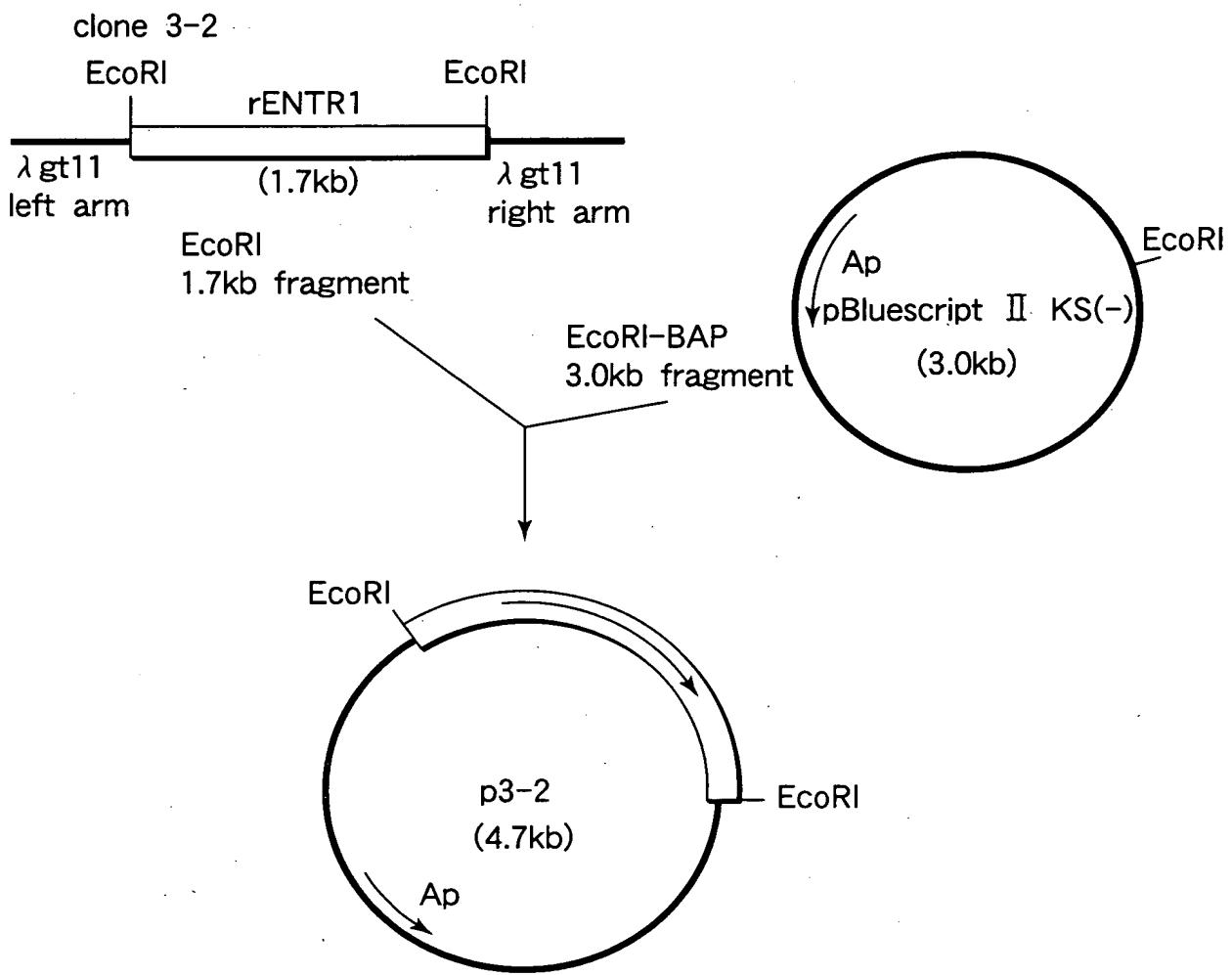


FIG. 7

FIG.8

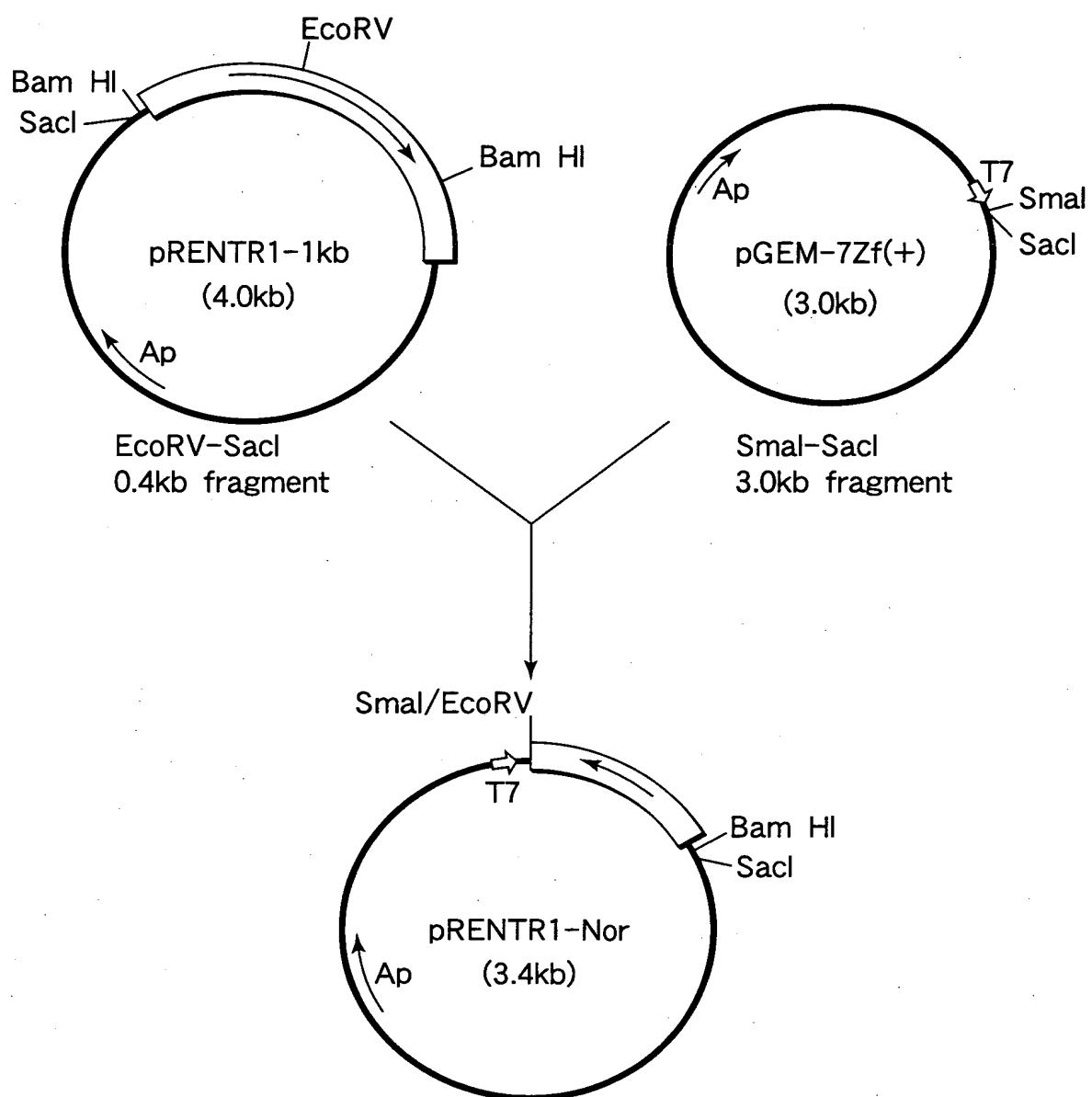
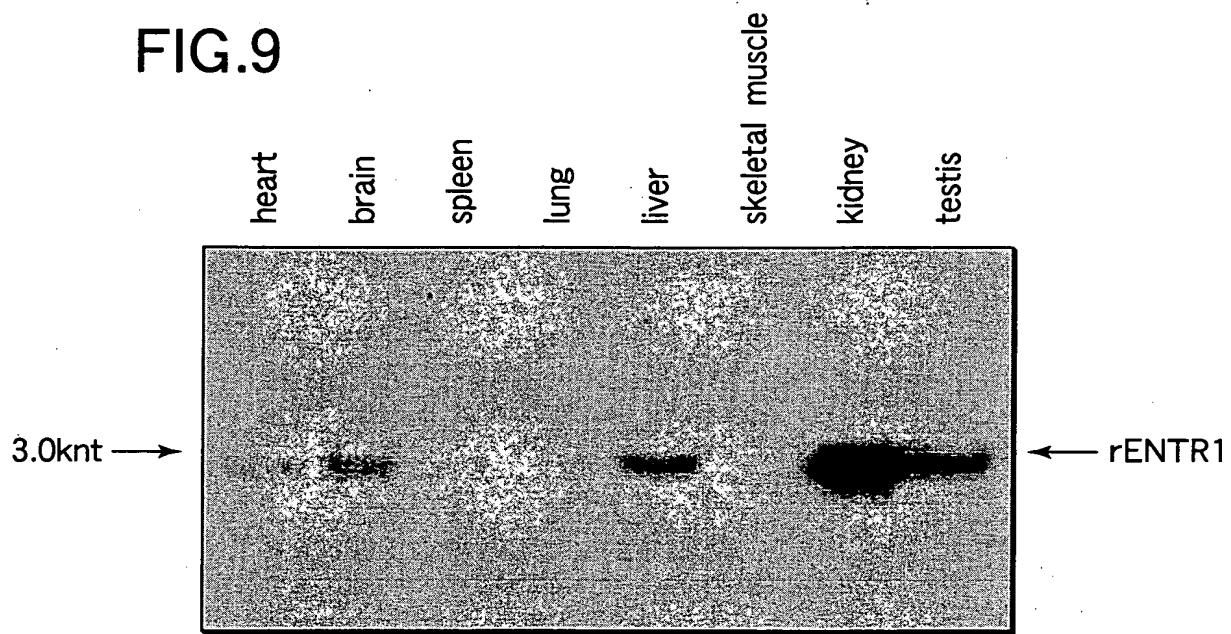
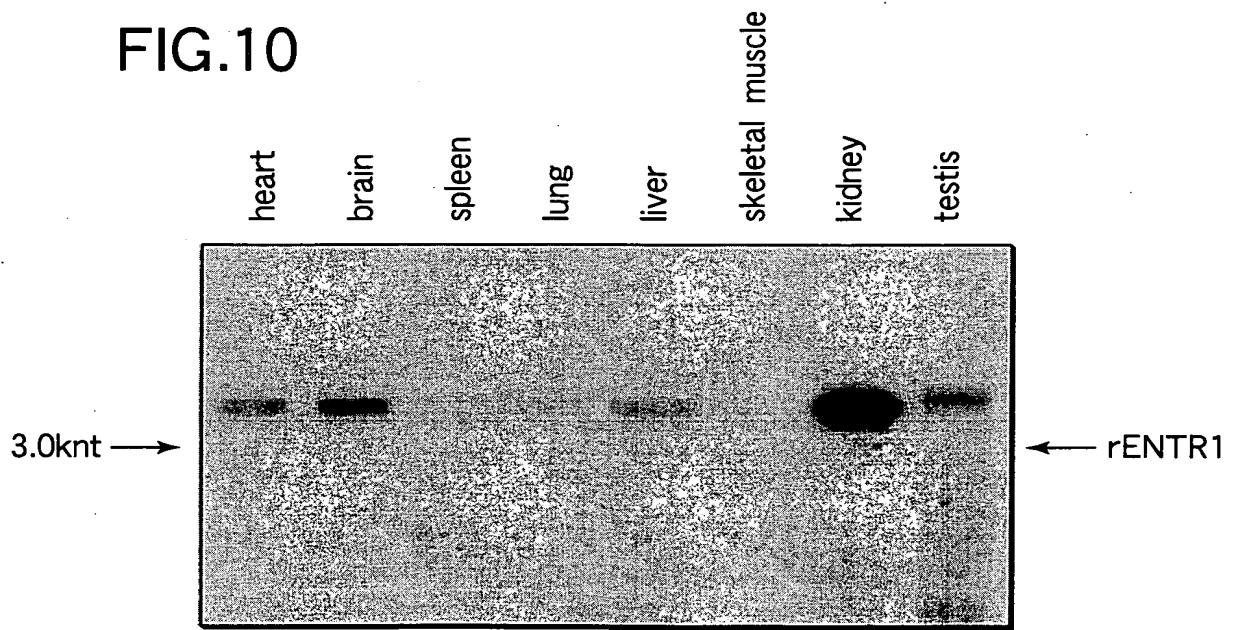


FIG.9**FIG.10**

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